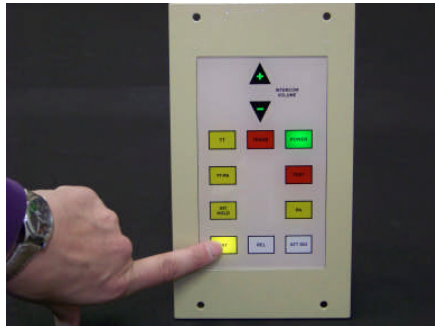




CAPACITIVE TOUCH CONTROL PANEL

Model 13000-1304



The Capacitive Touch Control Panel is a high reliability replacement for mechanical switch control panels. It provides a operator surface that is resistant to operator abuse and easy to clean. The panel can be configured to customer requirements to include switches and/or digital potentiometers. The configuration shown has 9 switches and two digital potentiometers. While the maximum number of switches in this size panel is 16 switches or 8 potentiometers with each pot taking two switch positions, other sizes/configurations are possible.

Each switch controls a DPDT set of contacts that are rated at 8A @ 30VDC. The potentiometers can be in values between 25ohm and 100K ohm. The switches' action may be individually configured to be momentary contact, toggle, or timed actuation. Each switch location also provides a high intensity LED light that is wired independently.

Technical Specifications

Operating Temperature: 0° C to 70° C

Storage Temperature: -40° C to 85° C

Operating Input Voltage: 20VDC—40VDC @ 6W

Operating Humidity: 5% to 95% (non-condensing)

Switch Ratings: 8A @30VDC

Switch Actions: Individually firmware configurable.
Example (Momentary, Toggle, Pulse). .

Electrical Interface Connections: 2 - DB-37, 1 DB-25

Operator Touch Surface: High Impact Lexan®

Size: 9" x 5" x 3"

Weight: 1.75 Pounds, 0.8 Kg

Panel Surface: High Impact Lexan

MTBF: > 1,000,000 hours per Bellcore method

Shock and Vibration: Continuous sinusoidal vibrations of 0.2 g root-mean-square (RMS) at any frequency from 1 to 100 hertz in three major axes, and randomly oriented shock impulses of 3 g peak with duration of from 4 to 10 milliseconds.

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